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Attorney Docket No. 21486-021div

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1642

IPW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Terek

SERIAL NUMBER: 09/819,144

EXAMINER: Not Yet Assigned

FILING DATE: March 27, 2001

ART UNIT: 1642

FOR: CHRONDROSARCOMA ASSOCIATED GENES

RECEIVED

JUL 30 2001

TECH CENTER 1600/2900

July 25, 2001

Boston, Massachusetts

Assistant Commissioner for Patents

Washington, D.C. 20231

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

- ☒ Information Disclosure Statement (1 pg.);
- ☒ PTO Form 1449 (2 pgs.);
- ☒ Copy of references cited; and
- ☒ Return postcard.

Applicant believes that no fees are due with this submission; however, the Commissioner is hereby authorized to charge any fees that may be due to Deposit Account No. 50-0311, Reference No. 21486-021div. A duplicate copy of this Transmittal Letter is enclosed.

Respectfully submitted,

Ivor R. Elrifi (Registration No. 39,529)

Ingrid A. Beattie (Registration No. 42,306)

Attorneys for the Applicant

c/o MINTZ, LEVIN

One Financial Center

Boston, Massachusetts 02111

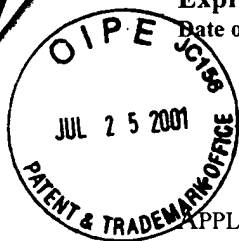
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INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. The order of presentation of the references should not be construed as an indication of the importance of the references.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Accordingly, no fee or certification is required. 37 C.F.R. §1.97. Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 21486-021div.

Respectfully submitted,

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<b>Modified Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	09/819,144
	<b>Filing Date</b>	March 27, 2001
	<b>First Named Inventor</b>	Richard M. Terek
	<b>Group Art Unit</b>	1642
	<b>Examiner</b>	Not Yet Assigned
	<b>Attorney Docket Number</b>	21486-021DIV

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U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	AA	4,873,191	10/10/89	Wagner et al.	435	172.3	
	AB	5,175,384	12/29/92	Krimpenfort et al.	800	2	
	AC	5,175,385	12/29/92	Wagner et al.	800	2	

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No

OTHER NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	CA	Bowie et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions" Science, 247:1306-1310
	CB	Burgess et al., "Possible Disassociation of the Heparin-binding and Mitogenic Activities of the Heparin-binding (Acidic Fibroblast) Growth Factor-1 from its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue," J. of Cell Bio., 111:21
	CC	Chen et al., "Intracellular Antibodies as New Class of therapeutic Molecules for Gene Therapy," 1994, Hum. Gene Ther., 5:595-601.
	CD	Czubayko et al., "Construction of Ribozyme Directed Against Interleukin-6 mRNA: Evaluation of Its Catalytic Activity In Vitro and In Vivo," 1994, Blood, 84:3758-65.
	CE	Gerhard, "Fusion of Cells in Suspension and Outgrowth of Hybrids in Conditioned Medium," Monoclonal Antibodies, Plenum Press, 1980, 370-371
	CF	GENBANK Accession No. AF002996
	CG	Ghose et al., "Preparation of Anti-body Linked Cytotoxic Agents," Methods in Enzymology, 93; 326-327, 1983.
	CH	Glockner G. et al., "Genomic Sequence Around the CP1 Gene," EMBL Database Entry H1SAF2996; Accession No. AF002996, 27 May 1997.
	CI	Gordon, "Transgenic Animals," Intl. Rev. Cytol. 115:171-229, 1989.
	CJ	Gu et al., "Deletion of DNA Polymerase $\beta$ Gene Segment in T Cells Using Cell Type-specific Gene Targeting," Science, 265:103, 1984
	CK	Hammer et al., "Production of transgenic rabbits, sheep and pigs by microinjection," Nature, 315:680,

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, U.S.S.N. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.



Modified Form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

<b>Application Number</b>	09/819,144
<b>Filing Date</b>	March 27, 2001
<b>First Named Inventor</b>	Richard M. Terek
<b>Group Art Unit</b>	1642
<b>Examiner</b>	Not Yet Assigned
<b>Attorney Docket Number</b>	21486-021DIV

**U.S. PATENT DOCUMENTS**

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

**OTHER NON PATENT LITERATURE DOCUMENTS**

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	CL	Kobayashi et al., "Reversal of Drug Sensitivity in Multidrug-Resistant Tumor Cells by an <i>MDR1</i> ( <i>PGY1</i> ) Ribozyme," 1994, Cancer Res. 54:1271-1275.
	CM	Kraemer et al., "Genetic Manipulation of the Early Mammalian Embryo," Banbury Report, Cold Spring Harbor Press, Cold Spring Harbor, NY, 1985.
	CN	Krimpenfort et al., "Generation of Transgenic Dairy Cattle Using 'In Vitro' Embryo Production," Bio/Technology 9:86, 1991.
	CO	Lazar et al., "Transforming Growth Factor alpha: Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," Molecular and Cellular Biology 8:1247-1252.
	CP	Liang et al., "Differential Display of Eukaryotic Messenger RNA by Means of the Polymerase Chain Reaction," Science, Vol. 257, August 14, 1992, 967-971.
	CQ	Lo, "Transformation by Iontophoretic Microinjection of DNA: Multiple Integrations Without Tandem Insertions," Mol. Cell. Biol., 3:1803, 1983.
	CR	Milstein and Kohler, "Continuous cultures of fused cells secreting antibody of predefined specificity," Nature, 256:495-97, 1975.
	CS	Nakanishi T. et al., "Cloning of a mRNA Preferentially Expressed in Chondrocytes by Differential Display....," Biochemical and Biophysical Res. Commun. 234, 206-210 (1997).
	CT	Palmiter et al., "Transgenic Mice" Cell, 41:343, 1985.
	CU	Purcel et al., "Genetic Engineering of Livestock," Science, 244:1281, 1986.
	CV	Rosier et al., "P-Glycoprotein Expression in Cartilaginous Tumors," Journal of Surgical Oncology, 1997; 65:95-105
	CW	Sullivan et al., "Development of Ribozymes for Gene Therapy," 1994, J. Invest. Derm., 103:85S-89S.
	CX	Tao et al., "Studies of Aglycosylated Chimeric Mouse-Human IgG," The Journal of Immunology, 143:2595-2601.
	CY	Thompson et al., "Germ Line Transmission and Expression of a Corrected HPRT Gene Product by Gene targeting in Embryonic Stem Cells," Cell, 56:313, 1989.
	CZ	Van der Putten et al., "Efficient insertion of genes into mouse germ line via retroviral vectors," Proc. Natl. Acad. Sci. USA 82:6148, 1985

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, U.S.S.N. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

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